PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  Ian Daniel VON FELLENBERG et al.  FILING DATE  AUGUST 3, 2005  2131  U.S. PATENT DOCUMENTS  EXAMINER INFORMATION DISCLOSURE  U.S. PATENT DOCUMENTS  EXAMINER INFORMATION  AA  AB  AB  AA  AB  AB  AF  AG  AA  AB  AB  AF  AG  AA  AB  AB  AC  AD  AA  AB  AB  AB  AC  AD  AA  AB  AB  AB  AG  AA  AB  AB  AG  AA  AB  AB			ARTMENT OF COM		ATTY. DOCKET NO.		SERIAL NO.			
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240	AA	2002/0027359	03/20	02	Cobben et al.		• ,		
Ø	AB	5,975,583	11/19	199	Cobben et al.				
	AC	5,447,335	09/19	95	Haslop	<del></del>			
	AD	5,421,619	06/19	95	Dyball		1		
	AE	5,137,304	. 08/19	92	Silverschotz et al.				
	AF	5,087,805	02/19	92	Silverschotz et al.				
	AG	4,943,093	07/19	90	Melling et al.				
	АН	4,939,888	. 07/19	90	Katz et al.	<del> </del>			
	AI	4,740,269	04/19	88	Berger et al.				
V	AJ	4,378,480	03/19	83	Langhans				
COSC	AK	4,313,984	02/19	82	Moraw et al.				
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		U.S. PATENTS	AND PUBLISHED	U.S. PATENT APPLICAT	IONS
_		Document Number	Issue or		Pages, Columns, Lines, Where
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS									
Cito	Foreign Patent Document	Dahia i Bata		Pages, Columns, Lines, Where Relevant Passages					
No.	Country Code Number Kind Code (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	or Relevant Figures Appear	Translation				
	JP 8-101900	04-16-1996			NO				
	JP 8-101751	04-16-1996			NO				
	JP 7-508843	09-28-1995			NO				
	JP 6-082344	03-22-1994			NO				
	JP 10-198776	07-31-1998			NO				
	Cite No.	Foreign Patent Document	Foreign Patent Document	Foreign Patent Document	Foreign Patent Document   Publication Date Name of Patentee or Applicant of Cited Document   Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				

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RING		Final Notice of Rejection Issued by Japanese Patent Office mailed April 3, 2007, in Japanese Application No. 2000-000486 and English translation of Notice.	YES.
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